Artizan™ Ortho-Pedo Bench Installation / User Manual

Applies to Models:
PB250-L
PB250-R

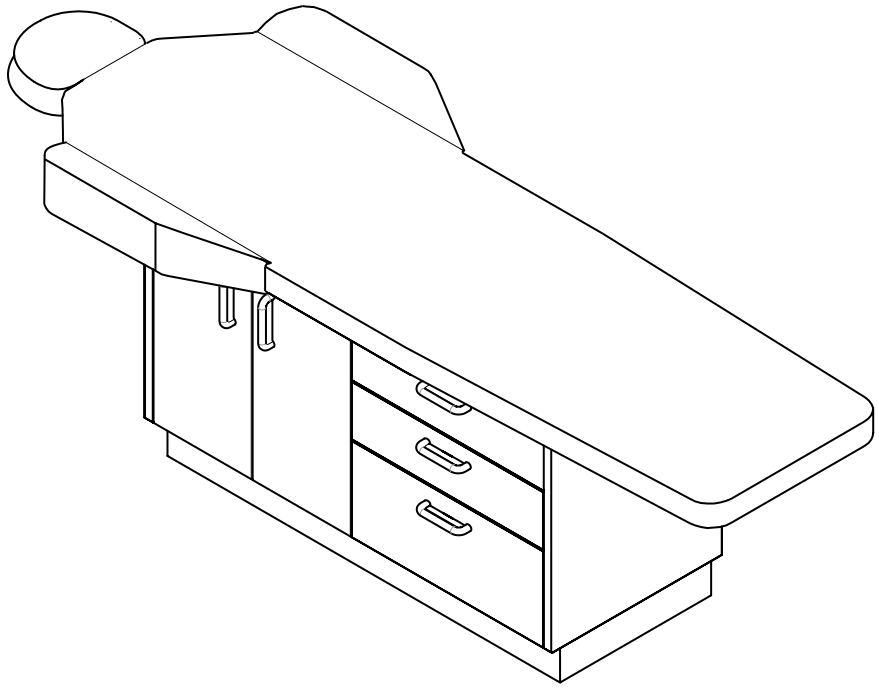
Special Tools:
Level
3/8" Masonry drill bit
9/32" Wood drill bit

Language of origin: English

Note:
If applicable, Midmark casework unit must be connected to a dedicated circuit with disconnect rated at 10A, 115V~, 60HZ. Failure to comply could result in an overload of the electrical circuit and/or components. All wiring, including disconnect, and plumbing must be installed by a licensed electrician or plumbing contractor following applicable local, city, and national codes.

Equipment Alert
Inspect all components for shipping damages. A concealed damage report must be filed with the carrier (by the person receiving the goods) within 15 days of delivery.

Note:
Refer to cabinet - mounted Procenter Delivery Unit User Guide (003-2196-00) for information on the delivery unit installed in the Ortho-Pedo Bench.



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Important Information and Symbols

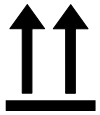
These symbols may appear on your equipment and / or in the manuals.

WARNING
Indicates a potentially hazardous situation which could result in serious injury if not avoided.

Caution
Indicates a potentially hazardous situation which may result in minor or moderate injury if not avoided. It may also be used to alert against unsafe practices

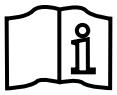
Equipment Alert
Indicates a potentially hazardous situation which could result in equipment damage if not avoided.

Note:
Amplifies a procedure, practice or condition.


Proper Shipping Orientation

Fragile

Keep Dry

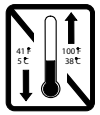

Consult User Guide

~
AC (Alternating Current)

Max. Patient Weight:
68kg / 150 lbs

Pressure Limits

Humidity Limit


Temperature Limit

Type B Applied Part

No Stacking

Corrugated Recycle

Contact Information:

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Glasgow, Kentucky 42141
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Fax: (270)-651-1732

Intended Use

The Midmark Artizan Ortho-Pedo Bench can be used as the primary Pediatric workstation, for performing pediatric dental procedures, providing the needed storage and support at the essential delivery positions. Midmark delivery systems are intended to provide dental professionals with air, water and suction to operate dental handpieces, syringes, and Midmark authorized accessories during dental examinations and procedures.

Electromagnetic Interference

Midmark dental operatory components are designed and built to minimize electromagnetic interference with other devices; however if interference is noticed between another device and this operatory. remove the interfering de-vice from the room and / or plug the product into an isolated circuit.

Specifications

- Approved for indoor use only.

Transportation / Storage / Operating Conditions

Transportation / Storage Temperature Range: ..0°F to 140°F (-18°C to 60°C)
Relitive Humidity:.....10% to 90% (Non-Condensing)
Atmospheric Pressure:.....7.2 PSI to 15.3 PSI (50 kPa to 106 kPa)
Operating Temperature Range.....59°F to 95°F (15°C to 35°C)

Disposal of Equipment / Consumable Goods

At the end of this products life, the unit, accessories and other consumable goods may be contaminated from normal use. Consult local codes and ordinates for proper disposal of this equipment and other consumables.

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Floor Layout (PB-250)

Note:

Have licensed electrical and plumbing contractors position and install electrical outlet receptacles and related plumbing using the pre-installation template or layout. Assure floor is of such construction that the unit will be adequately supported and anchored. If necessary contact a licensed contractor to reinforce the flooring.

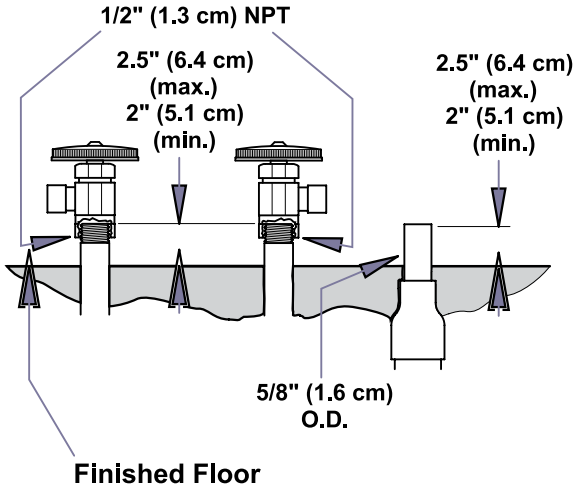
Note:

Electrical box to be provided in field if required by particular delivery system. If equipment being supplied with the pedo bench is a Midmark Procenter (Ortho & Pedo delivery system) then this option will only be required if delivery is equipped with Fiber Optic Handpieces.

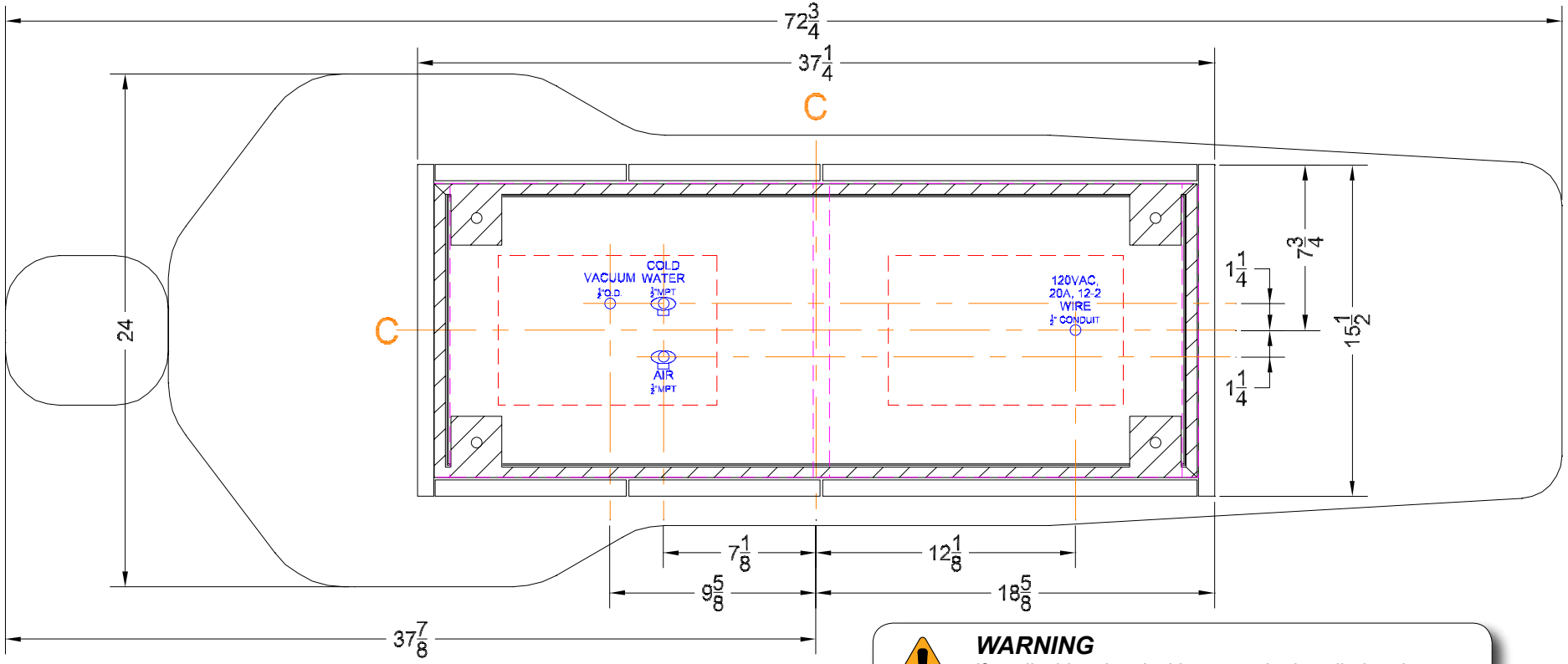
Note:

A full size, pre-installation floor template is available upon request:

- *PB250 Ortho-Pedo Bench Cabinet, P/N: 003-2142-00*



GA1003



WARNING

If applicable, electrical box must be installed under cabinet as far from water bottle as possible.

GA1006

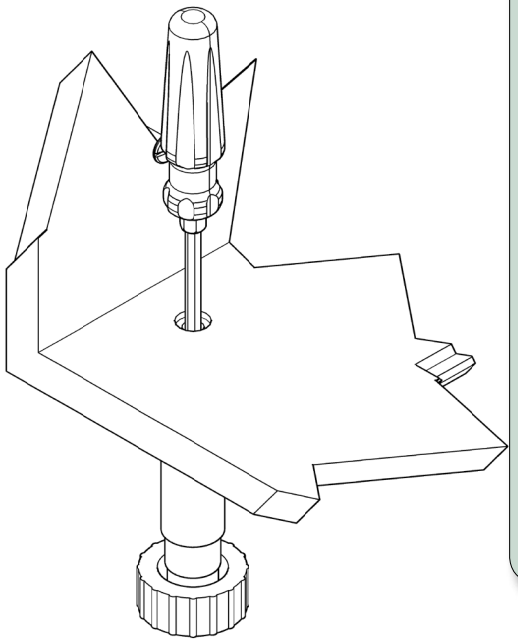
Installation (PB-250)

Step 1: Remove the Pedo Bench from shipping pallet

A) Remove cabinet drawers (see Drawer Removal, Installation, and Adjustment in this manual).

B) Accessing under the cabinet through false bottom cutouts use a 3/8" socket to remove lag screws securing base clips and cabinet to shipping pallet

Note: Be sure to save base clips and lag screws to use later in the installation process to secure the cabinet to the floor of the building.



GA1022

Step 2: Securing the cabinet

A) Set cabinet in desired location over the utility provisions.

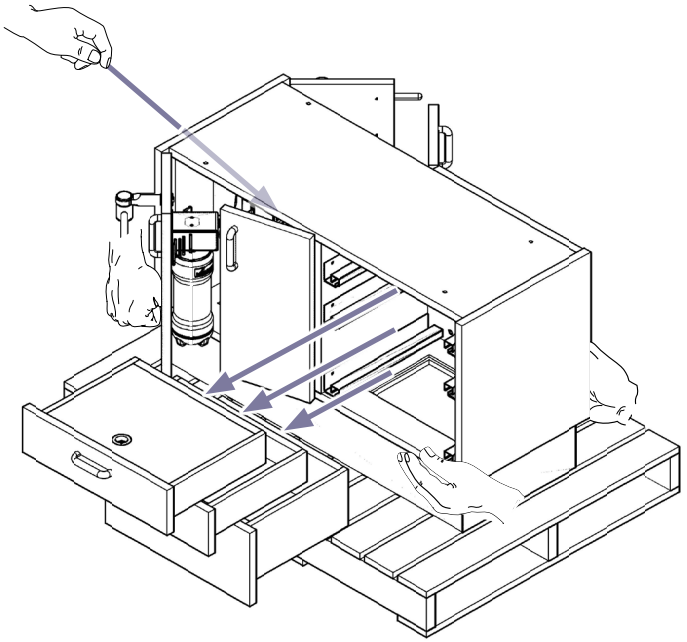
B) Using a level as necessary, unscrew the leg levelers using a flat head screwdriver through the hollow leg bolt in the bottom of the cabinet (see Adjustable Camar Leg Leveler) or by hand through the false bottom cutout until cabinet is level.

C) Use the lag screws (if floor is made of composites) and base clips that were used to secure the cabinet to the shipping pallet and secure the cabinet to floor of the building. If the floor is concrete, then utilize supplied floor anchors.

Note:
To make installation easier and to prevent damage to area surrounding screw hole in floor, drill pilot holes. Use a 3/8" masonry drill bit for concrete and a 9/32" wood drill bit for composite flooring.

Adjustable Camar Leg Leveler (Cabinet Height Adjustment)

A) Utilize a flat head screwdriver and place down into hollow bolt in bottom of cabinet. Turn screw-driver clockwise to extend leg to floor, and turn counterclockwise to adjust leg off of floor.

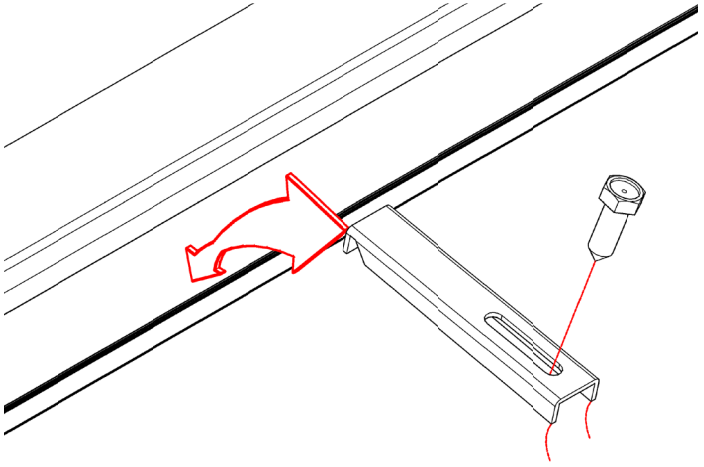


GA1046

WARNING

Cabinet weighs approximately 188 pounds. Lift with two people on the bottom edge of the cabinet. Only lift the cabinet in designated locations after drawers have been removed. See above illustration for proper lifting points.

Base Clip Removal / Installation



GA1010

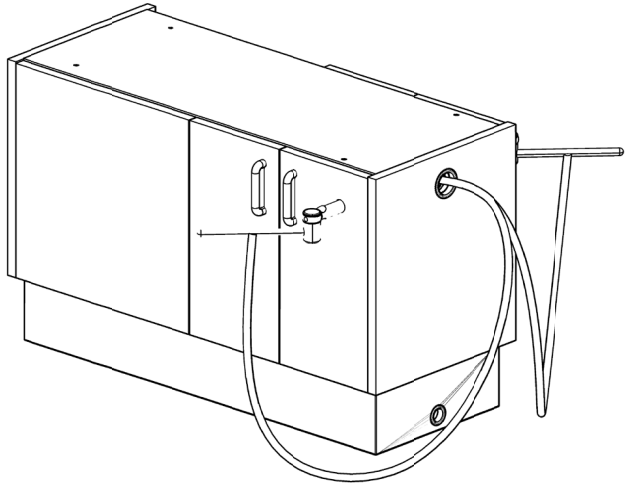
Installation (PB-250)

Step 3: Utilities

A) Attach appropriate plumbing such as cold water, air, vacuum, etc... (refer to the Technical Reference Guide for routing information.)

B) If the pedo bench is equipped with Fiber-Optic Handpieces, electrical provisions must be made and connections must be made at this time.

C) Feed handpieces, syringes etc. through grommet at the head of the cabinet and hang on the appropriate holder bars on the doctors and assistants doors.



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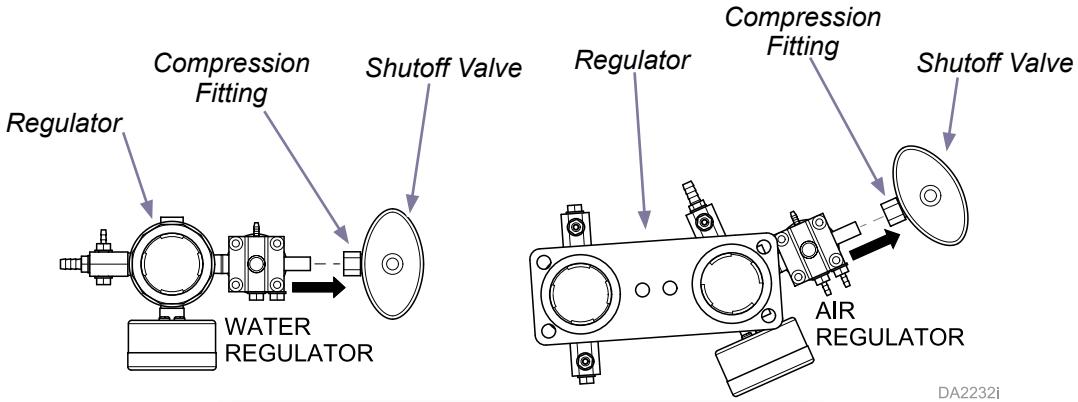


DA2232i

Step 4: Insert regulator into compression fitting of shutoff valve and tighten compression fitting.

Equipment Alert

When changing water bottle container, be sure door is fully opened so that the bottle is not above any part of the cabinet so that water damage does not occur.

Caution

It is imperative that the location of the water bottle mounted inside the cabinet not be moved from the location at which it was installed from the factory.

Note:

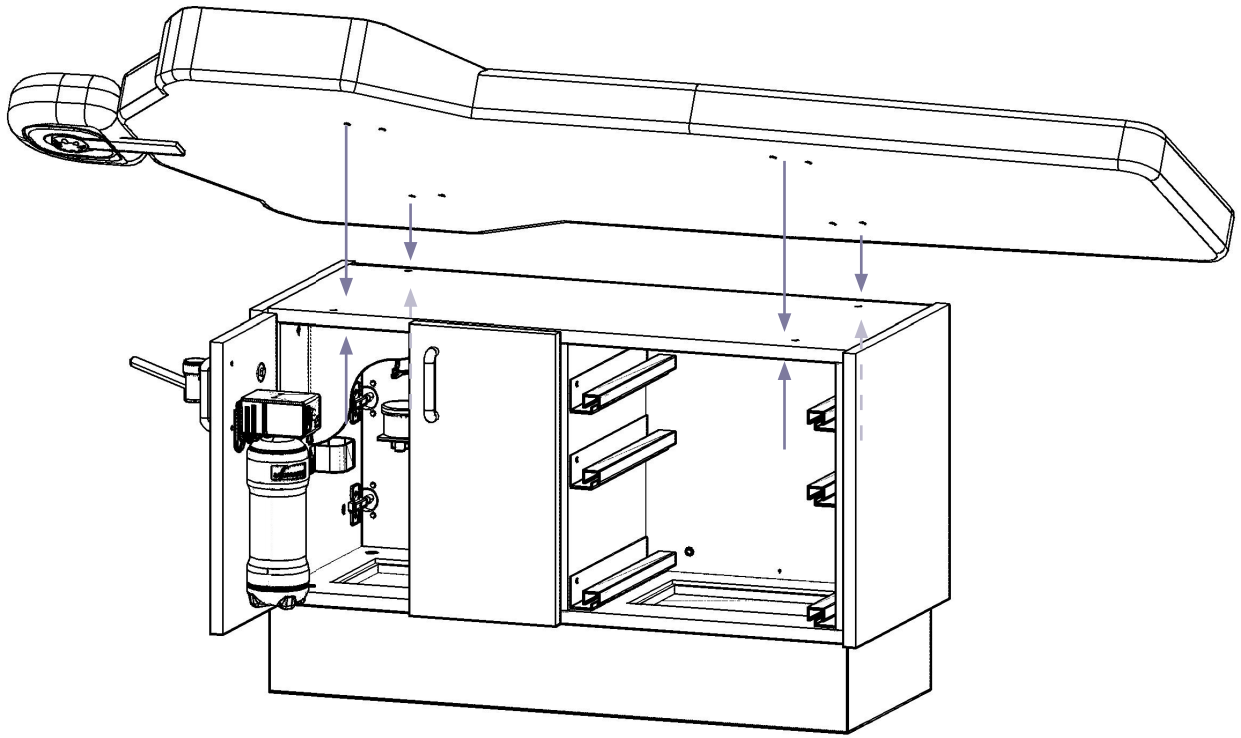
If a water bottle is not provided be sure to close the air regulator valve.

Installation (PB-250)

Step 5: Install Bench Top

A) Set the Pedo Bench top on the cabinet and align the 4 attachment holes.

B) Using the 1/4"-20 X 2" P/N: S19153 screws provided, fasten the top to the cabinet. (X4)

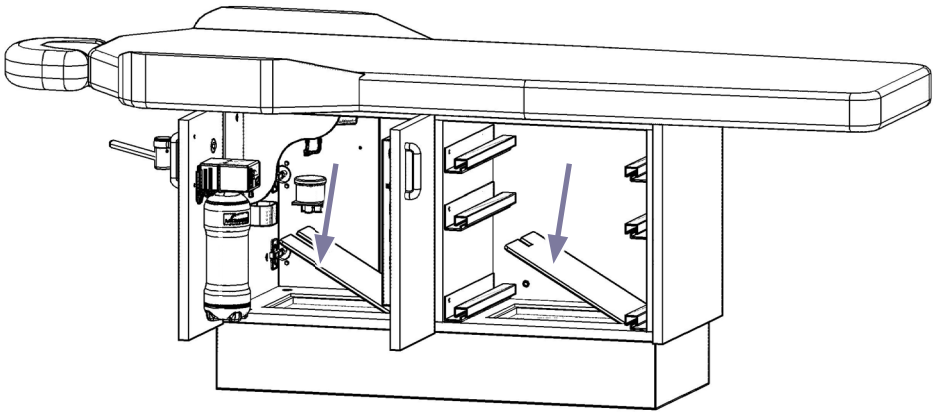


GA1009

Installation (PB-250)

Step 6: False Bottoms

A) Unwrap false bottoms and install into bottom of the cabinet to cover access points.



GA1011

Equipment Alert

Maximum recommended weight for contents in drawers is 5lbs for medium (3.15" HGT) drawer boxes and 10lbs for large (5.9" HGT) drawer boxes.

WARNING

Maximum patient load must not exceed 68kg / 150lbs

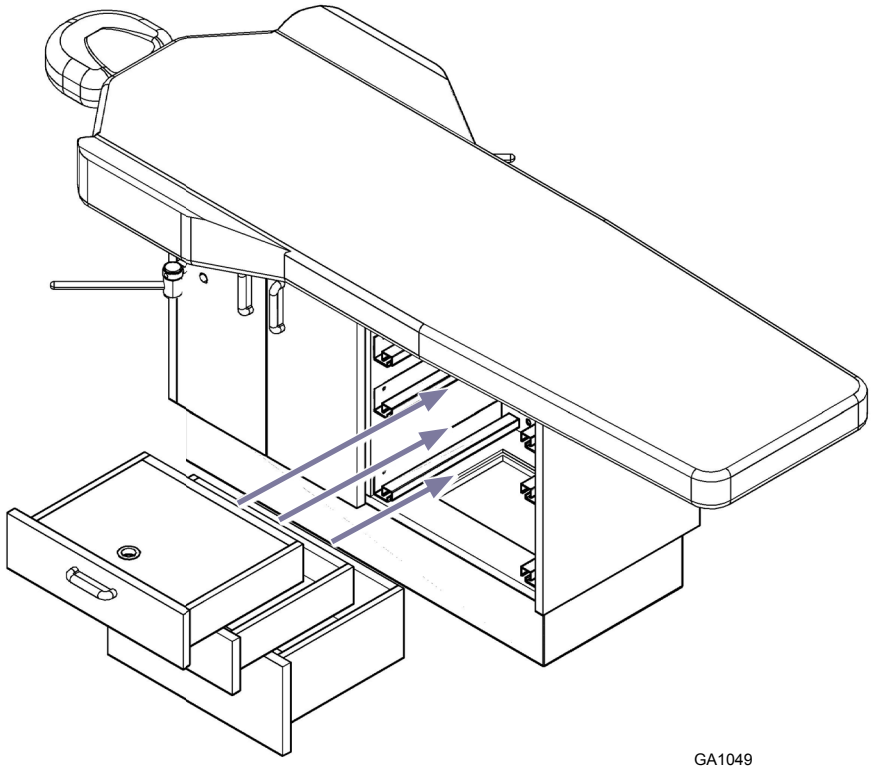
Step 7: Doors and Drawers

A) Re-install cabinet drawers (see Drawer Removal, Installation, and Adjustment in this manual) and make adjustments as needed.

B) Adjust doors accordingly (see Door Removal, Installation, and Adjustment in this manual).

Equipment Alert

Be sure to adjust drawer adjustments to the down position before re-installing drawers.

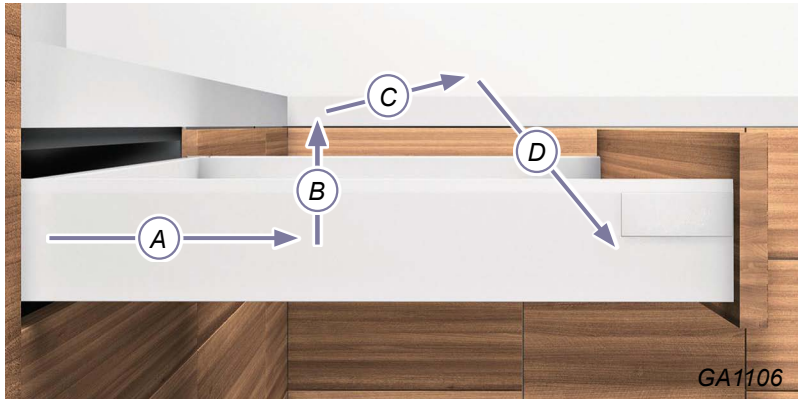


GA1049

Drawer Removal, Installation and Adjustment

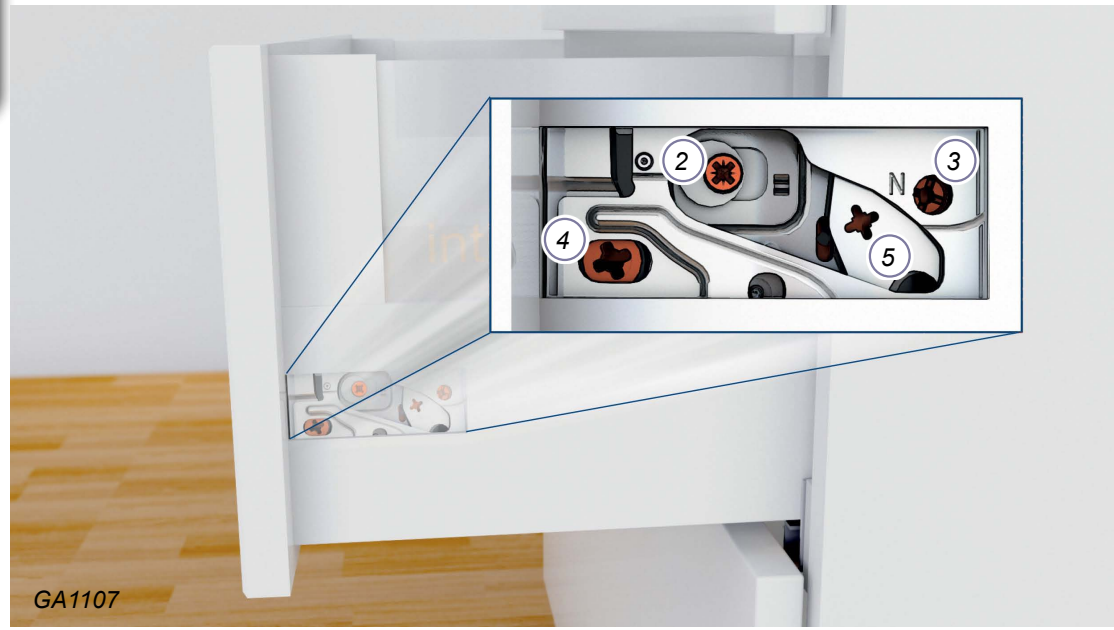
Drawer Removal

A) Open drawer completely.
B) Lift up on the drawer front until the front of the box releases from the glide.
C) Pull out on the drawer slightly.
D) Lower the drawer back down while pulling out on the drawer.



Drawer Installation

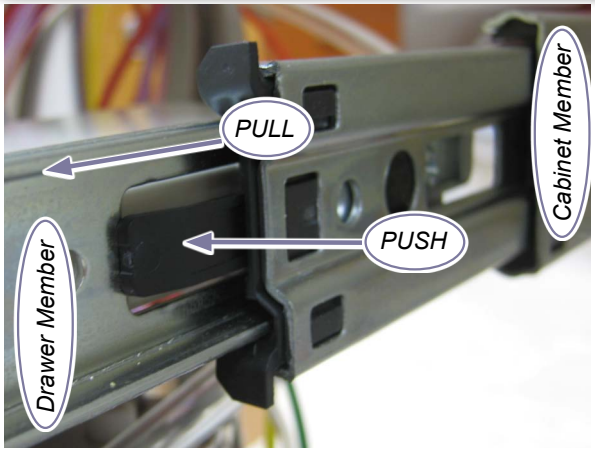
A) Fully extend drawer glides from the cabinet. (Optional)
B) Place the drawer on the glides.
C) Push the drawer in completely.
D) Cycle drawer a couple times to ensure that the drawer is securely attached to the glides.



Full Extension Glide Removal & Installation...

Removal

A) Extend the glide to its outermost position. Push the release levers in and remove the drawer member of the sides.



Installation

A) Line up the drawer member to the cabinet member and push the drawer into its compartment.

Drawer Front Adjustment and Removal

1) Remove the cover caps on the drawer side by hand.
2) Height Adjustment: Rotate in either direction to adjust the drawer front vertically.
3) Tilt Adjustment: Adjust after the drawer front is installed to ensure the drawer sides meet square with the drawer front. (Only available on large drawer boxes.)
4) Side Adjustment: Adjusts the drawer front horizontally. Turn in either direction.
5) Tension/Removal: For large drawers, turn the screw toward the front of the drawer until the front detaches from the box. Repeat this procedure on both sides of the drawer. For small and medium drawer boxes, turn the screw toward the back of the drawer to remove the front.

GA1105

Door Removal, Installation, and Adjustment

Hinge 1 & 2 Adjustments

Use a phillips head screw driver for the following steps...

A) Screw A adjusts the door in direction A seen in the Adjustment Direction Guide

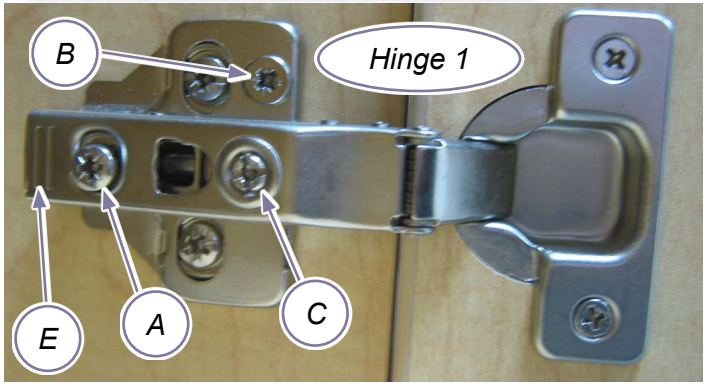
B) Screw B adjusts the door in direction B. Equal adjustment must be made to all hinges on the door for it to move the desired distance.

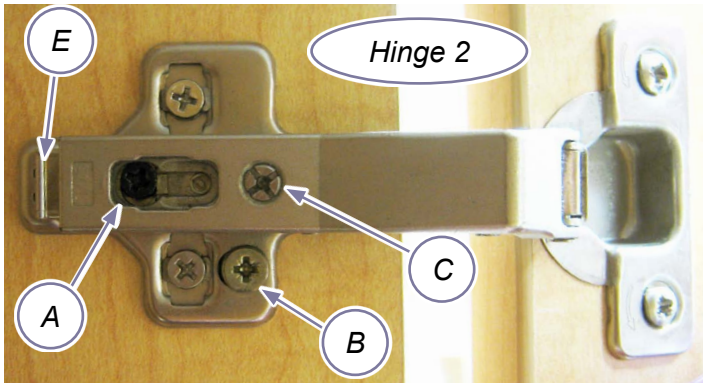
C) Screw C adjusts the door in the C direction. Make adjustments to top and bottom hinge as necessary.

Note: Use a level to ensure the door is level and plumb. Preferred gaps are approximately 1/8" between doors and 1/16" between accents and doors.

Hinge 1 & 2 Removal

E) Press button at point E at the back of the hinge and pull away from cabinet.

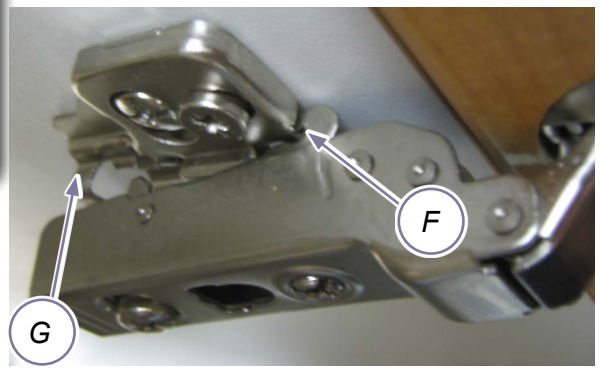




Hinge 1 & 2 Installation

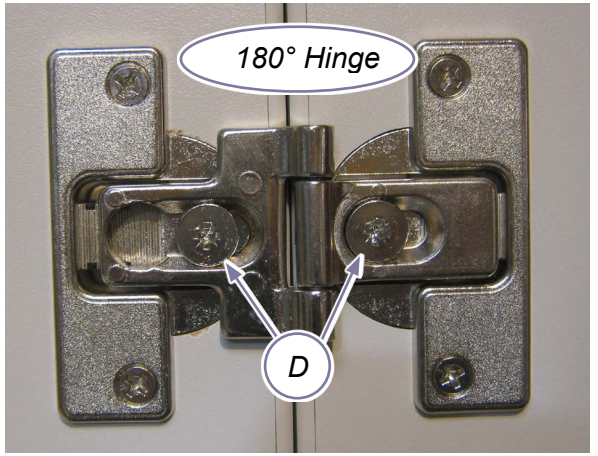
F) Hook the hinge to the mounting block at point F

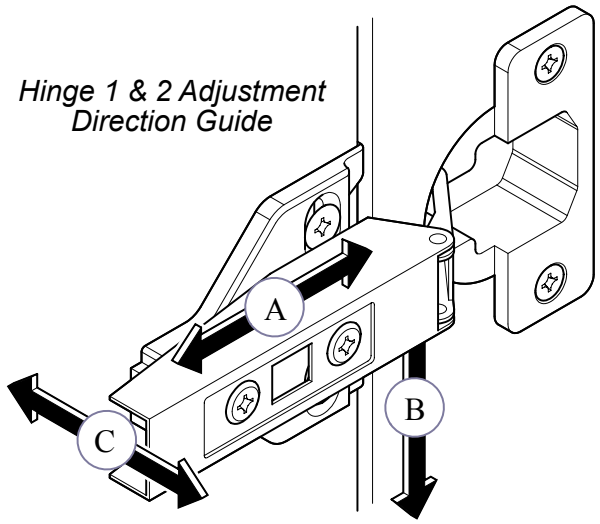
G) Latch at point G by pressing the hinge against the hinge block.



180° Hinge Adjustments

D) Loosen screw D and adjust door gap and angle using a level. Tighten screw D when positioned correctly,





GA1044

Cleaning / Maintenance (Casework)

Disinfecting Procedures for External Surfaces

Attention!
Midmark assumes no responsibility or liability for any result, expressed or implied.
These are suggested practices, based on the best information available at this time.

Equipment Alert

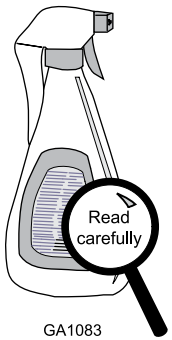
- *Users should not use cleaning or decontamination methods different from those recommended by the manufacturer without first checking with the manufacturer that the proposed methods will not damage the equipment.*
- *Midmark's dental equipment is manufactured from the most chemical-resistant materials available. However, no material is impervious to every chemical. Using protective barriers is the most effective method to prevent equipment damage.*
- *Use only moist cloth with appropriate cleaner for cleaning casework.*

Cleaning and Disinfectant Procedures

Use cleaners and disinfectants that are appropriate for the situation such as warm water and mild detergents, or an ammonia based cleaner.

NOTE: Every dental practice is different, and no single disinfectant is the best choice for every facility. Listed below are some organizations to assist you in choosing the best disinfectants available for your practice.

- *Organization for Safety & Asepsis Procedures: http://www.osap.org*
- *American Dental Association: http://www.ada.org*
- *Dept. of Health & Human Resources Centers for Disease Control & Prevention (CDC):* http://www.cdc.gov



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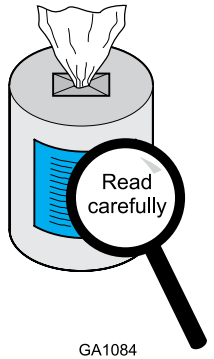
When using disinfectants...
Carefully read the product label and directions for use.
Do not exceed the dilution rate.



GA1084

Read all labels carefully!

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